EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	317	(706/12).CCLS.	USPAT; USOCR	OR	OFF	2007/08/30 19:18
L2	3643	(genetic or evolution) (algorithm or programming)	US-PGPUB; USPAT	ADJ	OFF	2007/08/30 19:20
L3	449163	(case$1 or data or set$1) (select$4 or filter$3 or process$3 or pre$1process$3 or clean$4)	US-PGPUB; USPAT	ADJ	OFF	2007/08/30 19:20
L4	1483	L2 and L3	US-PGPUB; USPAT	ADJ	OFF	2007/08/30 19:20
L5	122	L4 and objective function$1 and fitness	US-PGPUB; USPAT	ADJ	OFF	2007/08/30 19:20
L6	98	L5 and weight$4	US-PGPUB; USPAT	ADJ	OFF	2007/08/30 19:20
L7	55	KIRSHENBAUM EVAN	US-PGPUB; USPAT	ADJ	OFF	2007/08/30 19:21

Evan Kirshenbaum's Publications

Traditionally the labs I've been in haven't emphasized publication (although that's changed a bit in recent years), but patents have been a big deal.

Patents (most recent first)

2006

- Keith E. Moore and Evan Kirshenbaum. A Difference Messaging Protocol That Uses Prior State Information. U.S. Patent No. 7,065,137. June 20, 2006.
- Evan Randy Kirshenbaum, Kenneth O. Stanley, and Bin Zhang. Deriving a Genome Representation for Evolving Graph Structure Weights. U.S. Patent No. 6,988,089. January 17, 2006.

2005

- Evan R. Kirshenbaum. Modeling Decision-Maker Preferences Using Evolution Based on Sampled Preferences. U.S. Patent No. 6,973,418. December 6, 2005.
- Simon Love, Graham S. Pollock, Patrick Goldsack, and Evan R. Kirshenbaum. System and Method for Monitoring Communication Networks Using Data Stream Characterization. U.S. Patent No. 6,904,020. June 16, 2005.
- Evan Kirshenbaum and Deborah A. Lienhart. Collection of Session-Related Information Using an Extensible Sampling Period. U.S. Patent No. 6,889,169. May 3, 2005.

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- Henri Jacques Suermondt and Evan R. Kirshenbaum. Predicting the Health of a Computer System By Determining a Set of Modifications Involved in a Proposed Intervention to an Existing System. U.S. Patent No. 6,826,683. November 30, 2004.
- Evan Randy Kirshenbaum. Predicting Manufacturing Process Failures. U.S. Patent No. 6,804,570. October 12, 2004.
- Evan R. Kirshenbaum. Machine Decisions Based on Preferential Voting Techniques. U.S. Patent No. 6,763,338. July 13, 2004.

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- Evan R. Kirshenbaum. Methods of Storing and Retrieving Communications, Information, and Documents. U.S. Patent No. 6,602,298. August 5, 2003.
- Joseph J. Martinka, Patricia Collins, George H. Forman, Evan R. Kirshenbaum, Aparna Seetharaman. Apparatus and method for a compositional decision support reasoning system. U.S. Patent No. 6,591,257. July 8, 2003.
- Evan R. Kirshenbaum, Kave Eshghi, and Henri Jacques Suermondt. Automatic gathering and analysis of data on commute paths. U.S. Patent No. 6,584,401. June 24, 2003.

2002

- Mohamed Dekhil, Evan R. Kirshenbaum, and Jerremy Holland. Accurately Predicting System Behavior of a Managed System Using Genetic Programming. U.S. Patent No. 6,453,265. September 17, 2002.
- Keith E. Moore and Evan Kirshenbaum. Communications framework for supporting multiple simultaneous communications protocols in a distributed object environment. U.S. Patent No, 6,408,342. June 18, 2002.
- Evan R. Kirshenbaum. Cellular Encoding Using Typed Development Operators. U.S. Patent No. 6,378,117. April 23, 2002.

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- Keith E. Moore and Evan Kirshenbaum. Mechanism for Resource Allocation and for Dispatching Incoming Calls in a Distributed Object Environment. U.S. Patent No. 6,282,581. August 28, 2001.
- Keith E. Moore and Evan Kirshenbaum. Mechanism and Method for Merging Cached Location Information in a Distributed Object Environment. U.S. Patent No. 6,189,046. February 13, 2001.
- Evan Kirshenbaum, Keith Moore, and Walter R. Underwood. Null Thread Library and Thread Abstraction Interface. U.S. Patent No. 6,173,309. January 9, 2001.

2000

- Jari Koistinen, Aparna Seetharaman, and Evan R. Kirshenbaum. Utility-Based Multi-Category Quality-of-Service Negotiation in Distributed Systems. U.S. Patent No. 6,154,778. November 28, 2000.
- Evan R. Kirshenbaum. Valence Correct Molecular Structures Using Cellular Encoding. U.S. Patent No. 6,148,265. November 14, 2000.
- Evan R. Kirshenbaum and Keith E. Moore. Joining a Plurality of Type Hierarchies in an Object Oriented Programming Language Without Inheriting From a Base Class and Without Modification to the Type Hiearchies [sic]. U.S. Patent No. 6,142,684. November 7, 2000.

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- Evan R. Kirshenbaum and Keith E. Moore. Object Surrogate with Active Computation and Probiblistic [sic] Counter. U.S. Patent No. 5,918,235. June 29, 1999.

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- Evan Kirshenbaum and Henri J. Suermondt. Using Genetic Programming to Obtain a Closed-Form Approximation to a Recursive Function. In Kalyanomoy Deb, et al., editors, Genetic and Evolutionary Computation—GECCO 2004. June, 2004. Lecture Notes in Computer Science number 3,103. Springer-Verlag. pp. 543–556 (vol. 2).
- Evan Kirshenbaum. Modeling Disk Arrays Using Genetic Programming. HP Laboratories Technical Report HPL-2002-20, January 29, 2002.
- Evan Kirshenbaum. Iteration Over Vectors in Genetic Programming. HP Laboratories Technical Report HPL-2001-327, December 17, 2001.
- Evan Kirshenbaum. Genetic Programming With Statically Scoped Local Variables. In Darrell Whitley, et al., editors, *Proceedings of the Genetic and Evolutionary Computation*

Conference (GECCO) 2000, July, 2000. pp. 459-468. Slides from my presentation (with speaker notes) are also available. Also available as HP Laboratories Technical Report HPL-2000-106, August 11, 2000.

■ Keith E. Moore and Evan R. Kirshenbaum. Building Evolvable Systems: The ORBlite Project. *Hewlett-Packard Journal*, 48(1) :62-72, February 1997. A Japanese version was published in *Nikkei Computer*, July 7, 1997, pp. 199-207.

Unpublished

■ Evan Kirshenbaum and Bill Janssen, *Simplemail: A Simple Standardized Markup for Electronic Mail and Usenet Messages*. March 24, 1993. Proposed IETF RFC.
■ *Representing IPA Phonetics in ASCII*. February 22, 2001. (Original document written in 1992.)

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